#### HUNGARY

BEHKO, Sandor; Balazs, Viktor; haddlatch, markit; horvath, Eva; Kovacs, Kalman; Csacabl, miklos; Falkal, Esla; Ral, Kalman; I. Clinic of Internal -edicine and Institute of Pathological anatomy of the medical University (Orvostudo-manyi Egyetem I. sz. Belklinika es Korbonctani Interet), Szeged.

Description of the contract of

"Pulmonary Granuloma upon the administration of methylcellulose Intravenously and the affect or Cortisone and of the Filtrate of Escherichia Coli Liquid Cultures."

Budanest, Kiserletes Orvostudomany, Vol 14, No 5, Oct 62, op 515-519.

Abstract: [Authors' Hungarian summary] Continuous, intravenous administration of methylce!lulose results in the development of proliferative pulmonary arterities and an increase in the serum cholesterol level. Corticone administration has no effect on the latter but it reduces the proliferative blood vessel inflammation. Coli culture filtrate
lowers the cholesterol and cholesterol ester levels signilicently and also the methylcellulose and lipid deposition.

JULESZ, Miklos, dr.; B. FROHLICH, Margit, dr.; K. LASZLO, Ilona, dr.; TOTH, Istvan, dr.; SZEPESSY, Gabor, dr.; DAVID, Margit, dr.

The effect of estriol on lipid metabolism. Orv. hetil. 103 no.43: 2017-2021 28 0 62.

1. Szegedi Orvostudomanyi Egyetem, I. Belklinika es Kozponti Laboratorium.

(ESTRIOL) (LIPID METABOLISM) (CORONARY DISEASE)

(PHOSPHOLIPIDS) (LIPOPROTEINS)

(BLOOD CHOLESTEROL) (BLOOD LIPIDS)

#### "APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513730008-4

BENKO, Sandor; BALAZS, Viktor; EROHLICH, Margit; HORVATH, Eva; KOVACS, Kalman; CSANADI, Miklos; FELKAI, Bela; RAK, Kalman

Pulmonary granuloma caused by the intravenous administration of methylcellulose and its sensitivity to cortisone and to Escherichia coli culture broth. Kiserl. orvostud. 14 no.5:515-519 0 '62.

1. Szegedi Orvostudomanyi Egyetem I. sz. Belklinika es Korbonctani Intezet.

(LUNG) (GRANULOMA) (METHYLCELLULOSE)
(ESCHERICHIA COLI) (CORTISONE) (BLOOD CHOLESTEROL)

THE PARTY OF THE P

HUNGARY

FROHLICH, Margit, BALAZS, Viktor; Medical University of Szeged, I. Medical Clinic (Szegedi Orvostudomanyi Egyetem I. sz. Belklinika).

"Analysis of a Cryoglobulin Which Contains Nucleoproteins."

Budapest, Kiserletes Orvostudomany, Vol XV, No 4, Aug 1963, pages 344-350.

Abstract: [Authors' Hungarian summary] The results of detailed chemical analyses of a cryoglobulin are reported which has been isolated by repeated cold-precipitation from the blood of a patient with purpura cryoglobulinemica. Ninety six per cent of the cryoglobulin tested consists of a protein component with a sedimentation constant of 6.1 S. Its UV spectrum resembles that of ribonucleoproteins. It contains large amounts of basic amino acids, and purine and pyrimidine bases corresponding to those of ribonucleoproteins. The possibility of a relation between nucleic acid content and pathological protein production is under investigation. I Hungarian, Il Western references.

1/1

JULESZ, M.; FROHLICH, M.B.; LASZLO, I.K.; TOTH, I.; SZEPESSY, G.; DAVID, M.A.

On the effects of estriols on lipoid metabolism. Acta med. acad. sci. hung. 19 no.2:161-168 '63.

1. I. Medizinische Klinik und Zentrallaboratorium der Medizinischen Universitat, Szeged.

(ESTRIOL) (LIPID METABOLISM) (GYNECOLOGY) (BLOOD LIPIDS) (PHOSPHOLIPIDS) (LIPOPROTEINS) (BLOOD CHOLESTEROL) (BLOOD PROTEIN ELECTROPHORESIS)

TIBOLDI, T.; JULESZ, M.; SZALMA, J.; KOVACS, K.; BALAZS, V.; FROHLICH, Margit; LASZLO, Ilona; TOTH, I.

Experience with Selye's granuloma pouch technique. Acta physiol. acad. sci. Hung. 25 no.1:61-70 '64.

1. First Department of Medicine and Department of Ophthalmology, University Medical School, Szeged.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730008-4"

### "APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513730008-4

JULESZ, M.; TIBOLDI, T.; SZAIMA, J.; LASZLO, Ilona; KOVACS, K.; SZARVAS, F.; BALAZS, V.; FROHLICH, Margit; TOTH, I.

Effect of thyrotropic hormone on granulation tissue. Acta physiol. acad. sci. Hung. 25 no.1:71-81 '64.

1. First Department of Medicine and Department of Ophthalmology, University Medical School, Szeged.

## "APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513730008-4

BALAZS, Viktor, dr.; SZAIM, Jozsef, dr.; FROHLICH, Margit, dr.

Autoantibodies in pernicious anemia and in other achlorhydric conditions. Orv. hetil. 105 no.37:1729-1733 13 S '64.

1. Szegedi Orvostudomanyi Egyetem, I Belklinika (igazgato: Julesz Miklos dr.).

HUNGARY

RAIAZS, Viktor, Dr., and FROHLICH, Margit, Dr., First Clinic for Internal Medicine at the University for Medical Sciences (Orvostudomanyi Egyetem, I. sz. Belklinika) in Szeged (Director: JULESZ, Miklos, Dr.)

"Anticomplement Effect of Cryoglobulinemic Sera and Isolated Cryoglobulins"

Budapest, Orvosi Hetilap, Vol 107, No 29, 17 Jul 1966, pp 1J50-1353.

The anticomplement effect, protein content, the nature of the globuline components, the rheumatoid factor activity, the anticomplement titer before and after heat treatment, and the relations between anticomplement effect and other immunological. physico-chemical, and chemical properties were investigated in total serum, cryoglobulin-less serum, and isolated cryoglobuline from purpura cryoglobulinemia, Co. pulm. reticulosarcoma, purpura cryoglobulinemia, Co. ventric.purpura cryoglobulinemia, reticulosis purpura cryoglobulinemia, and Sjogren syndrome. The globuline components (encountered in all but the first mentioned) consisted of gamma-IM and gamma-2; they were found to be responsible for the anticomplement effect. All were heat-sensitive. 26 references, including 2 German and 24 Western.

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# "APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730008-4

PROHLICH, O.; PARKAS, L.

Postoperative osteitis pubis. Magy. sebesset 5 no. 4:285-294 Nov 1952. (CIML 24:1)

1. Doctors. 2. First Surgical Clinic (Director -- Prof. Dr. Gyula Jaki), Szeged Medical University.

BELA, Hermann, dr.; FROHLICH, Otto, dr.

Data on caseous tuberculosis of the thyroid glands. Tuberk.
kerdesei 9 no.1:27-28 Feb 56

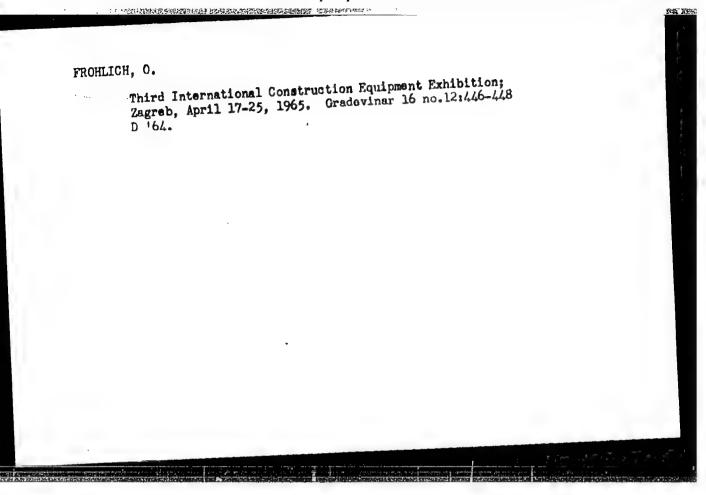
1. A gyulai Megyei Korhaz Belgyogyoszati (foorvos; Hermann Bela dr.)
es Sebeszeti Ostalyanak (foorvos; Frohlich Otto dr.) koslemenye.
(THTROID GLAND, dis.
tuberc., caseous, surg. & pathol. (Hun))
(TUBERCULOSIS
of thyroids, caseous, surg. & pathol.(Hun))

HERMANN, Bela, dr.; FROHLICH, Otto, dr.

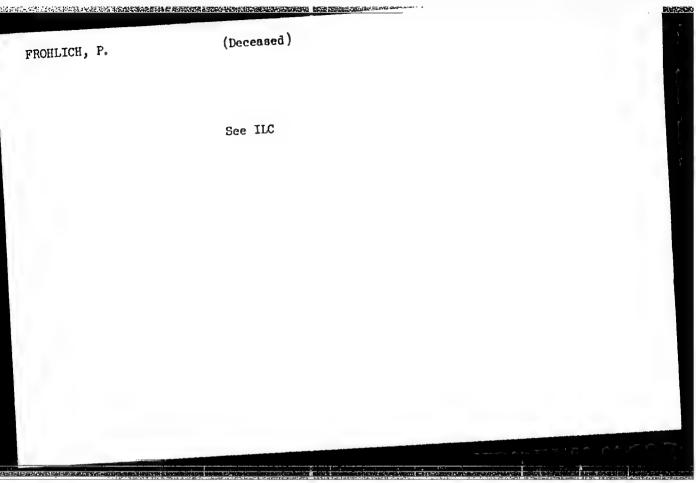
Recovery after surgery in hydropericardium lasting for decades and simulating tumor. Magy. sebeszet 10 no.1:55-59 Mar 57.

1. A Gyulai Megyei Korkhas Belgyogyaszati (Foorvos: Hermann, Bela dr.) es Sebeszeti Osstalyanak (Foorvos: Frolich, Otto, dr.) koslemenye.

(PERICARDIUM, dis. hydropericardium simulating tumor & lasting for decades, diag. & surg. (Hun))



# "APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730008-4



REFR, M., doc. inz. CS:.; FRULIK, J., promovany matematik

Experimental and theoretical determination of cooling ingot heat content. Hit listy 19 no.11:781-789 N '64.

1. Higher School of Mining, Ostrava (for Redr). 2. Research Institute of Iron Metallurgy, Prague (for Frolik).

17.17.050年的4月1日日本公司的经济的经济的企业的经济的企业的经济的企业。

FROIMESCU, A.

Continuous Reinforced Concrete Trusses of Preliminarily Compressed Concrete and Their Utilization for the Construction of Principle Bridge Trusses. Studii Si Cercetari De Mechanica Aplicata (Studies and Research in Applied Mechanics), #1-2:187:Jan-Jun 55

# FROIMESCU, A.; ILLE, V.

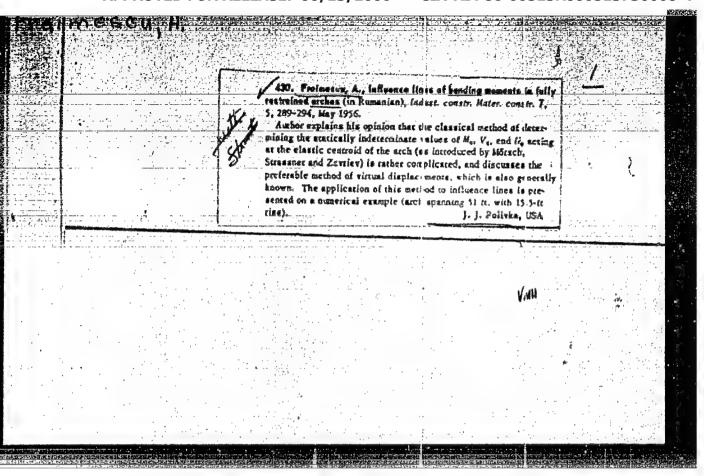
Effect of the mineralogical composition of cement on physical and mechanical properties of concrete and reinforced concrete; slow flow. p. 589.

Academia Republicii Populare Romine. Institutul de Mecanica Aplicata.

STUDII SI CERCETARI DE MECANICA APLICATA. Pucuresti. Vol. 6, no. 3/4, July/Dec. 1955.

So. East European Accessions List Vol. 5, No. 9 September, 1954

### "APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730008-4



FROIMESOW, A

FROIDE JOU, A.

FPCIFFICE, A. The calculation continuous arches reposing on elastic viers. . . 721.

We. 12, 1956.
THURSHIA CONSTRUCTION THEN STANDARD FREEDOM DE CONSTRUCTOR
VECHNOLOGY
ENVANIA

So: East Eurorean Accession, Vol. 6, To. 5, Pay 1057

## FROIMESCU, A.

The Progresul platform workshop for the manufacture of prestressed elements. p. 446. (INDUSTRIA CONSTRUCTION SI A MATERIALELOR DE CONSTRUCTII. No. 7, 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) IC. Vol. 2, No. 12, Dec. 1957 Uncl.

BUTOV, Ivan, traktorist-mashinist; FROL, V., traktorist-mashinist

Bommses and monetary awards. Sel'.mekh. no.3:23-24 '62.

(MRA 15:3)

1. Sovkhoz "Romashkovskiy", Pallasovskkiy rayon, Volgogradskaya oblast' (for Butov). 2. Sovkhoz "Donskoy", Enbekshil'derskiy rayon, Kokchetavskaya oblast (for Frol).

(Agricultural workers—Rewards (Prizes, etc.) (Wages)

FROLICHENKO, N.

The day oil was on fire. Posh.delo 8 no.3:18-20 Mr (MTRA 15:4)

(Thirnovek region—Oil fields—Fires and fire prevention)

hamid'yev, A.N.; FROLLING, L.A.

Crecrhynchus keta Walb. culture in fish hatcheries with low winter temporature. Trudy MMBI no.9:62-66 '65. (MIRA 18:12)

1. Sakhalinskoye otdeleniye Tikhookeanskogo nauchno-issledovatel'-skogo matituta rybnogo khozyaystva i okeancgrafii.

KOSAREV, O., shturman; GVIL'DIS, B., bortmekhanik (Irkutsk); KORNEV; LOZOVSKIY; KUZ'MIN, starshiy inzhener-ekonomist; MESILOV, Yu., aviatekhnik; FROLENKO, N. (Novosibirsk); KHALIULLIN, R. (Verkhniye Kigi, Bashkirskoy ASSR); ZOSIMOV, V. (g. Klintsy, Bryanskoy oblasti)

Public inspection is in action. Grazhd. av. 20 no.6:28 Je \*63. (MIRA 16:8)

1. Obshchestvennyy inspektor po bezopasnosti poletov, Novosibirsk (for Kosarev). (Aeronautics, Commercial)

YUKHNOVICH, A.N., veter. vrach (Yel'ninskiy rayon, Smolenskoy oblasti);
RUDOMETKIN, Ya.S., veter. vrach; EVENTOV, M.Z., veter. vrach;
SOBOLEV, A.S., dotsent (Estonskaya SSR); DOL'NIKOV, Yu.Ya., kand.
veter. nauk; PALIMPSESTOV, M.A., prof.; SIMONENKO, N.M., dotsent;
GONCHAROV, A.P., assistent; BEZRUKOV, A.A.; FROLENKOV, N.A., veter.
vrach (Serov, Sverdlovskoy oblasti); KOSHCHEYEV, P.M.; VOROB'YEV,
M.M., kand. veter. nauk; YANCHENKO, P.Kh., veter. vrach;
AMELIN, I.P.; BYCHKOV, A.I., kand. veter. nauk; SHVYREV, G.I.,
veter. vrach (Stavropol'skiy kray); DANILIN, N.F.; TRUSHIN, A.Z.,
veter. vrach; SKRYPNIKOVA, T.K., veter. fel'dsher; MIKHEYEV, A.D.;
KARMANOVA, Ye.M., kand. biol. nauk; REMIZOV, Ye.S., mladshiy
nauchnyy sotrudnik; ANTIPIN, D.N., referent

From helminthological practice. Veterinaria 38 no.7:55-58 (MIRA 16:8)

1. Reshetovskiy veterinarnyy uchastok, Novosibirskoy oblasti (for Rudometkin). 2. Sovkhoz "Buda-Koshelevskiy" Gomel'skoy oblasti (for Eventov). 3. Sibirskiy nauchno-issledovatel'skiy veterinarnyy institut (for Dol'nikov). 4. Khar'kovskiy veterinarnyy institut (for Palimpsestov, Simonenko, Goncharov).
5. Blagoveshchenskiy sel'skokhozyaystvennyy institut (for Bezrukov). 6. Novo-Nikolayevskiy veterinarnyy uchastok Krasno-darskogo kraya (for Lochkarev). 7. Karpilovskiy veterinarnyy uchastok Chernigovskoy oblasti (for Ponomarenko). 8. Kamalinskiy veterinarnyy uchastok Krasnoyarskogo kraya (for Koshcheyev).

(Continued on next card)

SLIVNIK, J.; BRCIC, B.; VOLAVSEK, B.; SMALC, A.; FRIEC, B.; ZEMLJIC, R.; ANZUR, A.; VEKSLI, Z.

On the synthesis of, and magnetic measurements on, xenon tetrafluoride. Croat chem acta 34 no.3:187-188 '62.

1. "Jozsef Stefan" Institute for Nuclear Research, Ljubljana, Slovenia, Yugoslavia (for Slivnik, Brcic, Volavsek, Smale, Frlee, Zemljie, and Anzur.) 2. Institute "Ruder Boskovic", Zagreb, Croatia, Yugoslavia (for Veksli).

FROEHLICH, Jozef; SZCZERBINSKI, Andrzej

A case of Morgagni-Adams-Stokes syndrome in tuberculosis of heart muscle. Pol. tyg. lek. 17 no.37:1455-1457 10 S '62.

1. Z Oddzialu Wewnetrznego I Szpitala Miejskiego w Glivicach; ordynator oddzialu: dr med. Jozef Froehlich; dyrektor szpitala: dr Kazimierz Bienkowski.

(HEART BLOCK) (TUBERCULOSIS CARDIOVASCULAR)

THE STREET STREET STREET, STRE

### PROLENKO, A.

More about simplifying the method for measuring the workday.

Sots.trud 5 no.3:113 Mr 160. (MIRA 13:6)

1. Starshiy inzhener otdela truda i zarabotnoy platy zavoda zuboreznykh stankov "Komsomolets," g. Yergor yevsk Moskovskoy oblasti.

(Yegor'yevsk--Gear-cutting machines) (Time study)

#### "APPROVED FOR RELEASE: 06/13/2000

#### CIA-RDP86-00513R000513730008-4

FROLENKO, G.I.

Effect of starvation on larval development of bream and crucian carp. Nauch.dokl.vys.shkoly; biol.nauki no.1:29-32 (MIRA 12:5)

1. Rekomendovana kafedroy ikhtiologii Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova. (FISHES--FOOD) (BREAM) (CARP)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730008-4"

KARTASHEVSKIY, N.G.; BARKOV, G.I.; FEDOROVA, I.G.; FROLENKO, G.I.

THE THE TOURS WHEN THE HOUSE PROPERTY WAS A SHOULD SHOULD BE THE SHOULD BE A S

New plastic package for the storage of preserved homotransplants. Vest.khir. no.7:112-115 '61. (MIRA 15:1)

1. Iz Leningradskogo ordena Trudovogo Krasnogo Znameni nauchnoissledovatel'skogo instituta perelivaniya krovi (dir. - dotsent
A.D. Belyakov, nauchnyy rukovoditel' - prof. A.N. Filatov) i
Mauchno-issledovatel'skogo instituta tokov wysokoy chastoty
im. prof. V.P. Vologdina (dir. - kand.tekh.nauk M.A. Spitsyn,
sam. dir. po nauchnoy chasti - kand.tekh.nauk N.P. Glukhanov).
(TRANSPLANTATION OF ORGANS, TISSUES, ETC.--EQUIPMENT AND SUPPLIES)

YAKUBOVSKIY, A.M., mashinist-instruktor: <u>PROLENKO</u>, M.P., mashinist-instruktor; YAROSHEVICH, V.S., mashinist; YERKIMHAYEV, Ye., mashinist; BARAWAZAROV, A.M., mashinist; FEDOSOV, D. Ye.; SKORKIN, I.S.

Useful book "Reference bood for a diesel locomotive engineering by V.M.Terekhov, I.I. Murshin. Reviewed by A.M. IAkubovskii and others. Elek.i tepl.tiags 4 no.2:47-48 F 160. (MIRA 13:6)

1. Master zagotovitel'nogo tsekha, depo Chu, Kazakhskaya doroga (for Fedosov). 2. Master tsekha bol'skogo periodicheskogo remonta, depo Chu, Kazakhskaya doroga (for Skorkin).

(Diesel locomotives) (Terekhov, V.M.) (Murshin, I.I.)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730008-4"

# "APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730008-4

FROLENKO, Ya. I.

Centrifugal Pumps

Improving the thrust bearing assembly of the AS-100 centrifugal pump. Sakh. prom. 27, No. 3, 1953.

### "APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730008-4

STEPANOV, P.N., professor, zaveduyushchiy; FROLENKO, Ye.V.

New facts in the treatment of rheumatism. Terap.arkh. 25 no.3:17-23 My-Je 153. (MLM 6:9)

1. Gospital'naya klinika vmutrennikh bolezney Minskogo meditsinskogo instituta. (Rheumatism)

# "APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513730008-4

FROLENKO, Ye. V.

FROLDHOO, Ye. V.: "The treatment of rhousation by or rating on the interosectors of the vesicles." Min Higher Education 'S R. Vil'nyus State U imeni Aspaukas. Vil'nyus, 1986 (Discortation for the Degree of Candidate in Medical Defense)

So: Entablings Latonia', No 18, 2056

# "APPROVED FOR RELEASE: 06/13/2000

#### CIA-RDP86-00513R000513730008-4

FROLENKO, Ye.V.

Liver function in rheumatic fever. Zdrav. Belor. 4 no.2:22-24 F (MIRA 13:8)

1. Iz kafedry gospital noy terapii (zaveduyushchiy - professor G.Kh. Dovgyallo) Minskogo meditsinskogo instituta.

(RHEUMATIC FEVER) (LIVER)

### "APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730008-4

FROLENKO, Ye.V., dotsent; LISUN, V.P.

Change in the prothrombin, fibrinogen, and viscosity of the blood following the use of leeches. Zdrav. Belor. 6 no. 7:22-23 Je '60. (MIRA 13:8)

l. Iz kafedry gospital'noy terapii (zaveduyushchiy - prof. G.Kh. Davgyallo) Minskogo meditsinskogo instituta i terapevticheskogo otdeleniya l-y klinicheskoy bol'nitsy glavnyy vrach A.I. Shuba).

(PROTHROMBIN) (FIBRINOGEN) (LEECHES)

DOWGYALLO, G.Kh., prof.; FROLENKO, Ye.V., dotsent

Change in the activity of hyaluronidase in the blood serum in rheumatic fever. Zdrav. Bel. 7 no.3:14-17 Mr '61. (MIRA 14:3)

1. Iz kafedry gospital'noy terapii (zaveduyushchiy kafedroy - prof. G.Kh. Dovgyallo) Minekogo meditsinekogo instituta.

(HYALURONIDASE) (RHEUMATIC FEVER)

The state of the state of the property of the state of th

FROLENKO, Yu.G.; KONOVALOV, V.A.; KOPTYAKOV, A.M.

Automatic control of the speed of feeding band saw units. Der. From. 12 no.3:13-14 Mr '63. (MIRA 16:5)

(Band saws) (Automatic control)

MOLOTKOV, R.V.; LYKOVA, T.A.; Prinimali uchastiye: KALININA, M.I.; SHERINA, O.G.; FROLENKOVA, A.A.; BAKHMENDO, D.E.

Compounding of unsaturated polyesters and epoxy resins. Plast.

(MIRA 13:12)

(Poxy resins)

(Esters)

# "APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513730008-4

Broaching piv	ot bushings.	Avt. transp.	38 no.9:49-1	50 S '60. (IRA 13:9)	
	(Broaching	machines)			

FROLICH, I.

The phenomenon of drying in textile finishing. p. 31.

INDUSTRIA TEXTILA. (Asociatia Stiintifica a Inginerilor si Technicienilor din Rominia si Ministerului Industriei Usoare) Bucuresti, Rumania. Vol. 10, No. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959. UNCL

FROLICH, J., ing.sef.

Dyeing installation built in Rumania. Ind text Rum 12 no.7: 291-292 Jl'61.

1. Intreprinderea "Vasile Roaita", Oradea.

HUNGARY

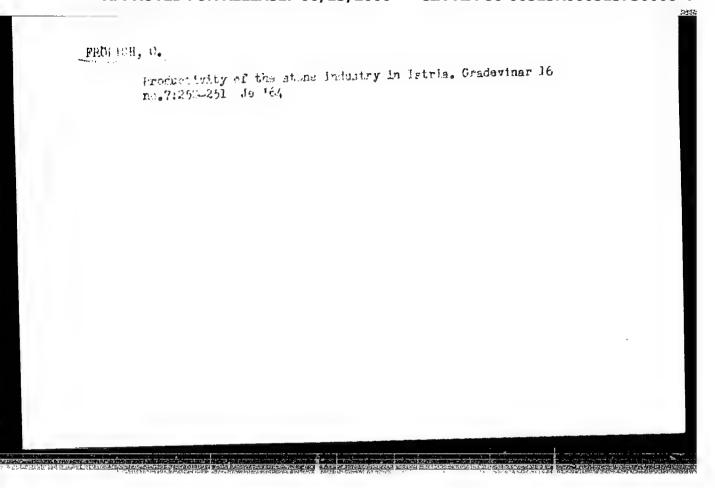
EALAZS, Viktor, Dr. FROLICH, Margit, Dr. SZEPESSY, Gabor, Dr. CSATI, Miksa, Dr. Medical University of Szeged, I. Medical Clinic and Central Research Laboratory (Szegedi Orvostudomanyi Egyetem, I. Belklinika es Kozponti Kutato Laboratorium).

"Properties of Isolated Kryoglobulins, Similar to Those of the 'Rheumatoid Factor'."

Budapest, Orvosi Hetilap, Vol 104, No 33, 18 Aug 1963, pages 1552-1554.

Abstract: [Authors' Hungarian summary] Kryoglobulin was isolated from 10 patients with different diseases. Their agglutination with latex particles and with gamma globulin which was bound to tanninized erythrocytes, and their Waaler-Rose reaction were investigated. Kryoglobulins, with one exception, which contained 7 S and 17-21 S components caused latex-agglutination, and agglutination of erythrocytes with gamma globulin tracer. The one exception exhibited a difference in other physical-chemical properties as well. Kryoglobulins which contained 7 S gamma globulin or B2 M-globulin alone, gave negative reactions. Heparin had no effect on the reactions investigated, or on the cold precipitation of kryoglobulins. 1 Hungarian, 17 Western references.

1/1



GARGULAK, Z.; FROLIK, J.

Simulated operation of casting cranes for determining the most economical organization of a foundry. Hut listy 17 no.5:338-343 My '62.

1. Vyzkumny ustav hutnictvi zeleza, Praha.

L 59611-65 T/EWP(t)/EWP(b) JD/JW

ACCESSION NR: AP5020422

CZ/0034/64/000/008/0551/0556

AUTHOR: Kremer, R. (Doctor, Engineer, Candidate of sciences); Lonsky, H. (Metallurgical engineer); Frolik, J. (Graduate mathematician)

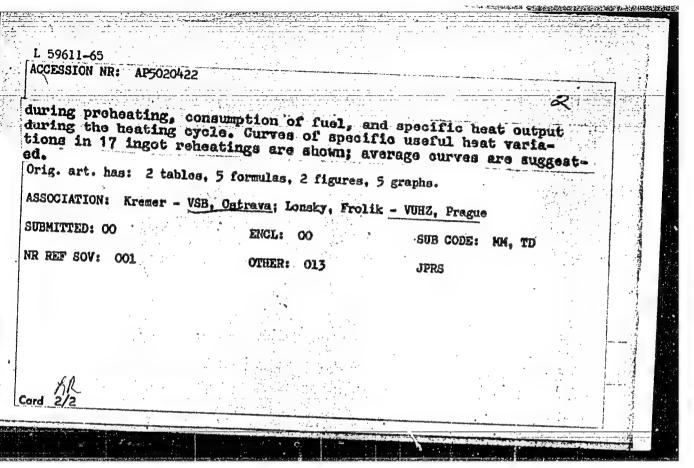
TITLE: Variations of the soaking heat pit flow and thermal efficiency during the reheating of the ingots

SOURCE: Hutnicke listy, no. 8, 1964, 551-556

TOPIC TAGS: computer calculation, analog digital computer, metal heat treatment. heat equation, heat treating furnace

Abstract Authors' English summary modified 7: A specific useful heat calculation was carried out on an analogue and a digital computer. The criginal equation had to be adapted for use in the digital computer. Partial calculation required for the computer program establishing are described. The program allows easy evaluation of reheating of any pit furnace, and of heat recuperation. It is also possible to determine by the program variations in specific useful heat, furnace efficiency, changes of ingot enthalpy

Card 1/2



L 62728-65 EMP(b)/EMP(t) JW/JD ACCESSION NR: AP5021456 CZ/0034/64/000/011/0781/0789 AUTHOR: Redr. M. (Docent, Engineer, Candidate of sciences); Frolik, J. (Graduate mathematician) TITLE: Experimental and theoretical determination of the enthalpy of ingots during SOURCE: Hutnicke listy, no. 11, 1964, 781-789 TOPIC TAGS: thermodynamics, enthalpy, steel, cooling, metal heat treatment Abstract (Author's English Summary 7: Results of measuring internal and surface temperatures of 10 ton-rimming steel ingots are described. Internal temperatures were measured by an immersion thermocouple designed by the authors. The duration of the temperature recordings was 13 hours; later changes were insignificant. Changes of the enthalpy of ingets are shown as a function of time and of the conditions of cooling. Authors! theorotical method of calculating enthalpy during cooling is discussed. The differences between the calculated and experimental values were small. The results of the study form a Card 1/2

suitable b	asis for th	e control	of goal	inc nit	oneratio	n by	4	
männa or v	computer.	Orig. art.	has 9 fi	gures, 8 f	ormulas, a	nd 3 table	8.	
ASSOCIATION:	RedrVSB,	Ostrava; Fr		IZ, Prague	55	UB CODE:	MH, TD	
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PROLIE, Jen, ina.

Development of the plyword industry, carelle, it is to

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730008-4"

Calcualtion of the heat loss in the pit furnace brickwork by automatic computers. Hut listy 19 no. 2: 98-102

1. Vyzkumny ustav hutnictvi zeleza, Praha.

FROLIK, Z.

Internal characteristics of spaces which are topologically complete according to E.Cech. Dokl. AN SSSR 137 no.3:533-536 Mr '61. (MIRA 14:2)

1. Karlov universitet, Praga, Chekhoslovatskaya Respublika. Predstavleno akademikom P.S.Aleksandrovym.

(Spaces, Generalized)

FROLIK, Z.

Locally topologically complete spaces. Dokl. AN SSSR 137 no.4:790-792 Ap '61. (MIRA 14:3)

1. Karlov universitet, Praga, Chekhslovatskaya Sovetskaya Respublika.

(Spaces, Generalized)

### FROLIK, Z.

On almost real compact spaces. Bul Ac Pol Mat 9 no.4:247-250 161.

1. Charles University, Praha (CSSR) Presented by K. Kuratowski.

## FROLIK, Z.

On analytic spaces. Bul Ac Pol Mat 9 no.10:721-726 161.

1. Charles University, Prague-Czechoslovakia. Presented by K. Kuratowski.

# FROLIK, Zdenek

A generalization of realcompact spaces. Chekhosl mat zhurnal 13 no.1:127-138 Mr '63.

1. Metematicky ustav, Karlova umiversita, Praha 8 - Kalin, Sokolovska 83.

FROLIK, Zdenek

On the descriptive theory of sets. Chekhosl mat zhurnal 13 no.3: 335-359 S '63.

1. Matematicky ustav Karlovy university, Praha 8, Sokolovska 83.

FROLIK, Z.

On coanalytic and bianalytic spaces. Bul Ac Pol math 12 no.9:527-530 64.

1. Charles University, Prague.

DOROSHKEVICH, A.M., kand. tekhn. nauk, dots.; FROLIKOV, A.I., red.

[Introduction to theoretical mechanics; statics] Vvedenie v teoreticheskuiu mekhaniku; statika. Uchebnos posobie. Moska, Mosk. poligr. in-t, 1962. 141 p. (MIRA 16:4) (Statics)

DOROSHKEVICH, A.M., dots., kand. tekhn. nauk; FROLIKOV, A.I., red.; BERNSHTEYN, T.I., tekhn. red.

[Lectures on kinematics] Lektsii po kinematike. Moskva, Mosk. poligraficheskii in-t, 1961. 89 p. (MIRA 16:9) (Kinematics)

DOROSHKEVICH, A.M., dots., kand. tekhn. nauk; FROLIKOV, A.I., red.; BERNSHTEYN, T.I., tekhn. red.

[Textbook on dynamics] Uchelinoe posobie po dinamike. Moskva, Mosk. poligr. in-t, 1962. 159 p. (MIRA 16:10) (Dynamics)

L 7995-66

ACC NR: AP5026568

SOURCE CODE: UR/0286/65/000/019/0145/0145

AUTHOR: Frelikov, I. I.

ORG: none

TITLE: Gas atomizer. Class 85, No. 175445

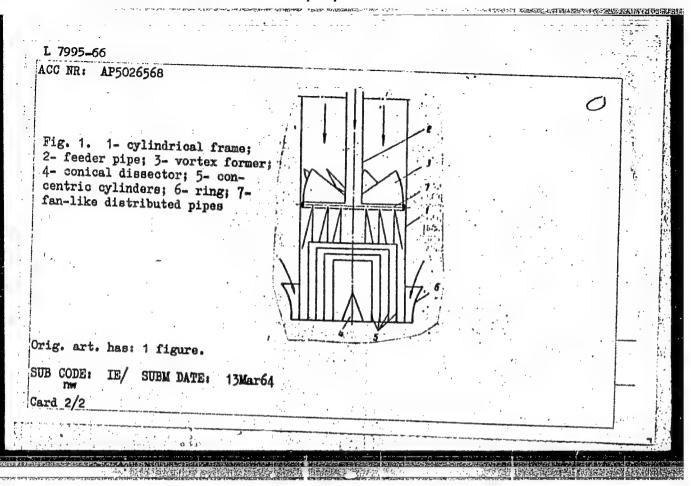
SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 19, 1965, 145

TOPIC TAGS: atomizer, solution atomizer, gas atomizer, gas ejector, gas engineering

ABSTRACT: This Author Certificate presents a gas atomizer for finely dispersed solutions. The atomizer consists of a cylindrical frame with a coaxial feeding pipe (see Fig. 1). The latter is equipped with vortex producing vanes and a conical dissector. To improve the performance and to insure uniform atomization of solutions, the atomizer contains a number of concentric cylinders. The length of the cylinders decreases with decreasing radius of the cylinders. On the outside, the atomizer is provided with a ring which forms an annular opening with the latter. The vortex former has the shape of a fan.

Card 1/2

UDC: 66.069.83:66.047.791.1.05



FROLIKOVA, I.N.; LINNIKOV, I.K.

Semiautomatic dividing attachment. Stan. i instr. 34 no.11:37
N '63. (MIRA 16:12)

### "APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513730008-4

FROLIKOVA, I.N.; LINNIKOV, I.K.

Pneumatic device for turning fittings during machining.

Mashinostroenie no.6:12-13 N-D '63.

(MIRA 16:12)

FROLIKOVA, I.N., inzh.; LINNIKOV, I.K., inzh.

Mechanical marking of cutting tools. Mashinostroenie no. 2:
19 Mr-Ap '64.

(MIRA 17:5)

FROLIKOVA, I.N., inzh.; LINNIKOV, I.K., inzh.

Multiple-purpose pneumatic device for cold berding of pipes. Mashinostroenie no.4256-57 Jl-Ag \*65.

(MIRA 18:8)

BOOK E.	Additional Sponsoring Agency: USSR, Komitet standartov, mer i Immaritel'nyth priborov.  2d.: S. V. Reshetina; Tech. Ed.: N. A. Kondrat'seva.  PURPOSE: These reports are intended for scientists, researchers, and engineers engaged in developing standards, messures, and angles for the various industries.	GOVERAGE: The volume contains 126 reports on standards of messurement and control. The reports are prepared by scientists of institutes of the Koallet standardo, mer i institutes of the Koallet standardo, mer i institute in the factor of th	Polkova. A.2. and I.P. Vaganova (Sverdiovak Branch of WILLN) Studying Line Comparator. Polkova. A.2. (Sverdiovak Branch of WILLN). Completion of Research on Vear Resistance of Plane-Parallel End Standards (of Soriet Plants) of All Classes	Eagek, L.K., A.N. Koroleve, and A.D. Zageting (VNIIM), Improving Accuracy in Teating Small-dimension Scales DEROLOVEKERS, Ye.P., and X.A. Prolitors (MIMIF), Studying the Circular Measuring Machine and Development of a Means of Inspecting ing Oraclesion of Prediction Liabs	<b>∴</b>	
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## "APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513730008-4

SHVARTZ, A.G., FROLIKOVA, V.G., TYURINA, V.S., ALEKSANDROV, V.V., BOGUSLAVSKIY, D.B.  Perfecting the rubber mixture composition, based on butyl rubber, for disphragas in the formator-vulcanizers.  Report submitted for the 4th Scientific Research conference on the Chemistry and technology of synthetic and natural rubber. Yaroslavl, 1962	1,000					 #		
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SHVARTS, A.G.; FROLIKOVA, V.G.; ARENZON, N.M.; TYURINA, V.S.

Basic requirements for rubber for the membranes of forming and vulcanizing units. Kauch. i rez. 23 no.1:24-27 Ja \*64.

(MIRA 17:2)

1. Nauchno-issledovateliskiy institut shinnoy promyshlen-nosti.

### "APPROVED FOR RELEASE: 06/13/2000

#### CIA-RDP86-00513R000513730008-4

L 42987-66 EWT (m)/EWP(j) IJP(c) RM/JND

ACC NR: A DEGLESSTA (A) SOURCE CODE: VD (0412/66

ACC NR: AP6013274 (A) SOURCE CODE: UR/0413/66/000/008/0078/0078

INVENTOR: Dogadkin, B. A.; Tutorskiy, I. A.; Shvarts, A. G.; Potapoy, Ye. E.; Frolikova, V. G.

ORG: none

3°(3

TITLE: Method of modifying rubber. Class 39, No. 180790

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 8, 1966, 78

TOPIC TAGS: natural rubber, synthetic rubber, aminophenol, hydroxy compound, aromatic hydroxy compound, rubber modification

ABSTRACT: An Author Certificate has been issued for a method of modifying natural and synthetic rubbers by introducing hexamethylenetetramine and aromatic hydroxy compounds into the mixture. To improve the physical and mechanical properties of the rubber, aminophenols are used as an aromatic hydroxy compound. [NT]

SUB CODE: 11,07/ SUBM DATE: 09Jan65/

Card 1/1 has

UDC: 678, 4, 7, 046-9:547, 564, 4

SHVARTS, A.G.; EYTINGON, I.I.; FROLIKOVA, V.T.; STREL'NIKOVA, N.P.

Some requirements for alkylphenol-formaldehyde resins used for the vulcanization of butyl rubber. Kauch. i rez. 22 no.10: 17-18 0 '63. (MIRA 16:11)

1. Nauchno-issledovatel†skiy institut shinnoy promyshlennosti.

Card

L 16330-65 ENT(m)/ENA(d)/ENP(j)/T/ENP(t)/ENP(b) Pc-4 ASD(m)-3 RM/MJW/TJ/WB

ACCESSION NR: AP4049181 S/0314/64/000/005/0029/0031

AUTHOR: Liferenko, I.G. (Candidate of technical sciences), Istrian, A.F., Frolikova, Ye.

TITLE: Corrosion resistance of cast OKh21N6M2T steel during production of dimethylterephthalate  $\upLambda$ 

SOURCE: Khimicheskoye i neftyanoye mashinostroyeniye, no. 5, 1964, 29-31

TOPIC TAGS: chromium steel, steel corrosion, cast steel, pump manufacture, steel mechanical property, steel corrosion resistance, dimethylterephthalate production/steel OKh21N6M2T

ABSTRACT: The production of dimethylterephthalate, used for obtaining synthetic fibers and films, requires pumps made of Kh18N12M2T steel, which is quite expensive. A cheaper OKh21N6M2T steel/has therefore been tested for corrosion resistance. The foundry laboratory of VIGM tested the castability, shrinkage, macrostructure and microstructure of the cheaper steel. The tests showed good casting and mechanical properties of the steel (ultimate strength 69.5-76.1 kg/mm², relative elongation 25.6-34.8%, impact toughness 6.6-11.9 kg-m/cm² and Brinell hardness 187). The chemical composition of the tested steel was 0.01-0.10% C, 0.38-0.80% Si, 0.53-1.38% Mn, 1/2

L 16330-65

ACCESSION NR: AP4049181

17.8-20.97 Cr, 5.75-12.10% Ni, 0.15-0.57% Ti, 2.08-2.91% Mo, 0-0.027% P, and 0.-0.0275% S). Intercrystalline corrosion was first tested according to GOST 6032-58. The performed tests, both in the laboratory and at the plants, showed that cast and welded samples of OKh21N6M2T steel had high corrosion resistance. Metallographic analysis showed an absence of intercrystalline and selective corrosion on the samples. No traces of corrosion were found on a pump impeller made of this steel. "Engineers 0.F. Aksenov and A. I. Porshneva took part in studying the casting properties of the steels." Orig. art. has: 3 figures and 3 tables.

ASSOCIATION: none

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DYATLOVA, V.N., inzh.; FROLIKOVA, Ye.M., inzh.

Relation between the corrosion resistance of 1Kh18N9T and Kh18N12M3T steels and the composition of the C-phase. Trudy NIIKHIMASH no.34:69-81 '60. (MIRA 14:1)

(Steel-Corrosion)

s/184/63/000/002/004/007 A059/A126

Dyatlova, V.N., Frolikova, Ye.M., - Engineers

Resistance to corrosion of metals and alloys in solutions of sul-

furic acid with titanium impurity

PERIODICAL: Khimicheskoye mashinostroyeniye, no. 2, 1963, 32 - 33

In the production of titanium pigments, solutions of sulfuric acid TEXT: containing titanium, iron and other metal cations are used. The working solution is cooled in a vacuum crystallizer from 55 to 15°C, and supplied to the vacuum evaporator, where it is heated to 70°C. The rate of corrosion of different metals and their welded samples was determined in order to find materials appropriate to replace copper and lead in these setups. Titanium was welded in argon with infusible electrodes, while the electrode HM -13. CB.X 18 H11 E (NZh--13.sv.Khl8N11B) was used for the manual welding of the steels X 18 H12 M2T (Kh18N12M2T) and X18H12 M3 T (Kh18N12M3T), and the steel X23 H28 M3 A3 T (Kh23N28M3D3T) was manually welded with the electrode M15 (M15) in the Laboratoriya svarki NIIKhIMMASha (Welding Laboratory of the NIIKhIMMASh) under the

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guidance of A.N. Krutikov and P.T. Dmitriyeva. Corrosion tests were performed both in laboratory and plant conditions in the solution contained in the vacuum crystallizer. Titanium BT-1 (VT-1) showed the highest resistance to corrosion both in the production of titanium dioxide pigments and in the vacuum crystallizer at 55°C. All stainless steels and also copper and its alloys were rather resistant to corrosion in the production of titanium dioxide pigments showing surface pitting. The corrosion of the steel Kh23N28M3D3T increased by a factor of more than 10 under working conditions as compared to the laboratory, and that of the steels Kh18N12M2T and Kh18N18M3T by a factor of more than 200, being uniform in each case. The rate of corrosion of copper increased only little with the degree of its purity. Deoxidized Chile copper dissolved completely; the bronzes behaved in almost the same way as copport. The steel Kh23N2SM3D3T was highly resistant both on complete and partial submersion in the solution of the vacuum crystallizer, while Khl8N12M3T showed pitting, and Khl8N12M2T was very strongly corroded. Copper and bronzes were subject to strong local corrosion along the water lines on partial immersion, while corrosion was uniform and intense on complete submersion. The rate of corrosion of the steel Kn23N28M3D3T was 10fold under working conditions as compared to the laboratory, and corrosion

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Resistance to corrosion of metals and alloys in ....

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spread in the form of stains. The steels Kh18N12M3T and Kh18N12M2T were very badly corroded. Copper was much more heavily attacked as compared to the laboratory tests, while the bronzes were corroded to the same extent, and a uniform oxide film formed on the Fe-Mn bronzes. The maximum impurity contents found in the solution contained in the vacuum crystallizer were: 0.01 g  $\rm Cr^{3+}/liter;$  0.02 g  $\rm Cu^{2+}/liter;$  and traces of nickel. There are 3 tables.

Card 3/3

L 10813-63 EWP(q)/EWT(m)/BDS-AFFTC/ASD-JD 3/3 ACCESSION NR: AP3003442 S/0129/63/000/007/0005/0009

AUTHOR: Akshentseva, A. P.; Istrina, Z. F.; Khimushin, F. F.; Frolikova,

TITLE: Phase transformations and corrosion resistance of OKh21N6M2T steel

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 7, 1963, 5-9

TOPIC TAGS: low-nickel stainless steels, ferritic-austenitic stainless steels, structural changes, corrosion resistance, integranular corrosion, heat treatment, Sigma phase, corrosion rates, nitric acid, phosphoric acid

ABSTRACT: An investigation was made of the phase composition, weldebility, and corrosion resistance of OKh2lN6M2T steel (0.07% C; 21.0% Cr; 5.66% Ni; 2.3% Mo; 0.47% Ti). In as-delivered condition (15-min annealing at 1000C followed by water quenching), this steel has a ferritic-austenitic structure, containing up to 75% &-ferrite. This structure, however, is not stable; at 500—1000C the steel undergoes complex phase transformations. Tempering at Cord 1/3

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ACCESSION NR: AP3003442

2

500-550C for 2 hr causes dispersion hardening of the ferrite and precipitation of chromium carbides along the grain boundaries; 2-hr tempering at 700-950C brings about transformation of the ferrite into secondary austenite, with crystals of the latter forming inside the ferrite grains. Longer holding at 700-950C promotes intensive growth of the secondary austenite crystals, which finally penetrate all the ferrite grains. At the same time, diffusion growth of the primary austenite grains takes place; cooling to room temperature brings about partial martensitic transformation within these grains. With longer holding (50 and 100 hr) at 650-850C, the  $\sigma$ -phase precipitates within the ferrite grains, and the notch toughness of the steel drops from initial 6 to 0.5 kg-m/cm2. Annealing at 750C reduces the content of  $\delta$ -ferrite to 45-55%. The structure with a ratio of δ-ferrite to secondary austenite of approximately 1:1 appears to be the most stable. When this steel is welded, regardless of the type of welding or the kind of electrode used, recrystallization of the base metal occurs in the weld-adjacent zone, with formation of large grains of δ-ferrite, along whose boundaries small crystals of secondary austenite form with cooling. The steel with a Ti/C ratio equal to or exceeding 5, after annealing at 1000C, as well as after sensitizing annealing at 550-650C for 2 hr, is not susceptible to intergranular corrosion in boiling 50%

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and 65% nitric acid or in boiling 50% phosphoric acid. The corrosion rate in phosphoric acid varied from 0.012 to 0.472 g/m²-hr (except for 2.11 g/m²-hr of specimens sensitized at 650C). Corrosion rates in 50% nitric acid after sensitizing at 500—700C were high (1.45—50.11 g/m²-hr). Stabilizing annealing at 700—1000C lowered corrosion rates to 0.192—0.583 g/m²-hr. Annealing the steel at temperatures above 1100C increases the ferrite content and lowers corrosion resistance, but tempering at 700C or above restores resistance to intergranular corrosion. In some media this steel has the same corrosion resistance as Khl8N12M2T Cr-Ni-Mo steel and is therefore recommended as a substitute for it. Orig. art. has: 7 figures and 1 table.

ASSOCIATION: NIIKHIMMASh

SUBMITTED: 00

DATE ACQ: 02Aug63

ENCL: 00

SUB CODE: 00

NO REF SOV: 002

OTHER: 001

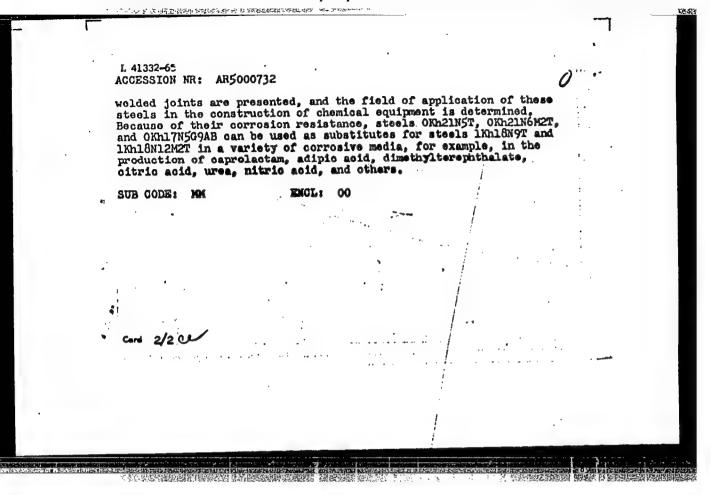
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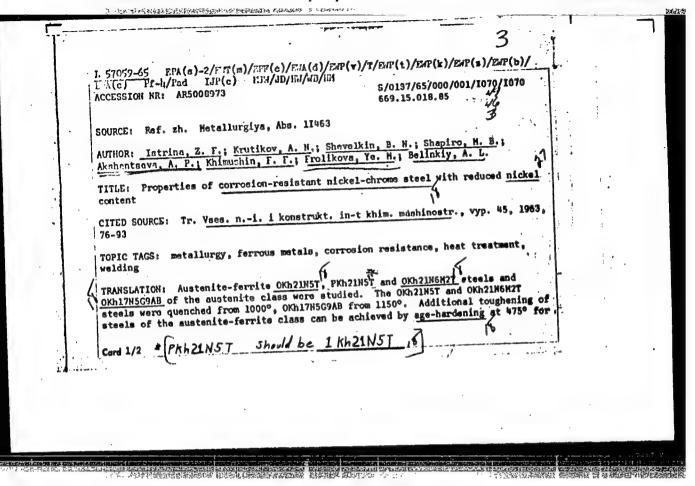
ISTRINA, Z.F., inzh.; VOLIKOVA, I.G., kand. tekhn. nauk; KRUTIKOV, A.N., kand. tekhn. nauk; FROLIKOVA, Ye.M., inzh.

Corrosion resistance of metals in the production of citric acid. Khim. i neft. mashinostr. no.2:36-37 Ag '64 (MIRA 18:1).

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	- Frankryk, YE. M.	7	
•	L 41332-65 ENT(m)/EPF(c)/EWA(d)/ENP(t)/ENP(z)/EWP(b) Pad LJP(c) MJM/ JD/HJ/JG/18	•	
	ACCESSION NR: AR5000732 S/0277/64/000/009/0007/0007	ě ·	
	SOURCE: Ref. zh. Mashinostroitel'nysye materialys, konstruktsii i raschot dotaley mashin. Gidroprivod. Otd. vysp., Abs. 9.48.40		
<u>:</u>	AUTHOR: Istrina, Z. F.; Krutnikov, A. N.; Shevelkin, B. N.; Shapiro, H. B.; Akshentseva, A. P.; Khimushin, F. F.; Prolikova, Yo. H.; Bolinkiy, A. L.		
	TITLE: Corresion resistant properties of chromium nickel steels with lowered nickel content		
	CITED SOURCE: Tr. Vses. ni. i konstrukt. in-t knim. mashinostr., vyep. 45, 1963, 76-93		
	TOPIC TAGS: corrosion resistance, chromium nickel steel, nickel containing alloy, metal corrosion/ steel OKh21N5T/ steel OKh21N6H2T/ steel OKh17N5G9AB, steel 1Kh18N9T, steel 1Kh18N12M2T/		
	TRANSLATION: Results of an investigation of the structure, heat treatment, weldability, pressure working, and corrosion resistance of corrosion resistant steels with reduced nickel content and their		
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by heat treatment, which produces martensite conversion to the same are: heating to 750°; cold working at 350° for two hours. The welding conditions because of the parameters for steels of type 18-8 and FOKH21N5T and OKH21N5T steels should be done at 1080-30 steel at 1080-300°. OKH21N5T and OKH21N5T atcels have a and do not have a tendency toward intercrystalline corresponds to the same is true of OKH17N5G9AB steel for the same welded with an austenite electrode are resistent to con.  ENCL1 00
F OKh21N5T and OKh21N6H2T steels should be done at 1080- B steel at 1080-900°. OKh21N5T and OKh21N5H2T steels have a and do not have a tendency toward intercrystalline corro- a 1000°, and the same is true of OKh17N5G9AB steel for common welded with an austenite electrode are resistant to con.
a 1000°, and the same is true of OKhITHSGRAB etect for name welded with an austenite electrode are resistent to on,
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LIFERENKO, I.G., kand. tekhn. nauk; ISTRINA, Z.F., inzh.; FEOLIKOVA, Ye.M., inzh.

Gorrosion resistance of OKM:21N6MET cast steel in the production of dimethyl terephthalate. Khim. i neft. mashinostr. no.5829-31 N \*164 (MIRA 18:2)

EWT(n)/EWA(d)/EWP(v)/T/EWP(t)/EWP(k)/EWP(b)L 25692-65 MJW/JD/HM/HW/WB \$/0314/45/000/001/0030/0034 ACCESSION NR: AP5003578 AUTHOR: Krutikov, A. N. (Candidate of technical sciences); Istrina, Z. F. (Engineer); Arest, T. V. (Engineer); Frolikova, Yo. M. (Engineer) 30 Welding and applications of steels with a relatively low nickel content Khimicheskoye i neftyanoye mashinostroyeniye, no. 1, 1965, 30-34 SOURCE: TOPIC TAGS: low nickel steel, steel welding, stainless steel, steel corrosion, steel heat treatment, electric are welding, argon are welding, intercrystalline corrosion, weld seam stability/steel 0Kh21N5T, steel 1Kh21N5T, steel 0Kh21N6M2T ABSTRACT: Three stainless steels with a relatively low nickel content (0Kh21N5T, 1Kh21N5T and 0Kh21N6M2T) were tested for weldability and for the corrosion stability of welded or thermally treated segments to define the applicability of such steels under commercial conditions. The samples were manually welded by electroarc using various electrodes and also with a number of welding rods used in argon are welding. Welded joints and specimens which had been heated 15 min. at 1100C or 3 min. in a salt bath at 1100 or 1250C were tested for intercrystalline corrosion. Both welding methods were shown to be usable, and the electrode TsL-11 with welding rod Sv-08Kh19N10B was selected for steel OKh21N5T, whereas the electrode EA-400/10 was recommended for OKh21N6M2T. Card 1/4

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ACCESSION NR: AP5003578

Welded joints produced under similar conditions as used for welding type 18-8 steels did not require thermal aftertreatment and had good mechanical properties and resistance to intercrystalline corrosion. The corrosion stability of thermally treated specimens depended on temperature and steel type, as shown in Fig. 1 of the Enclosure. Orig. art. has: 1 figure and 6 tables.

ASSOCIATION: NIIKhimmash

SUBMITTED: 00

ENCL: 02

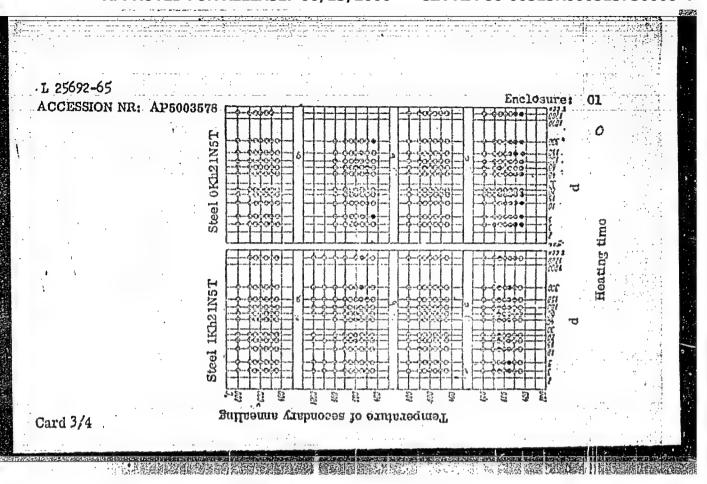
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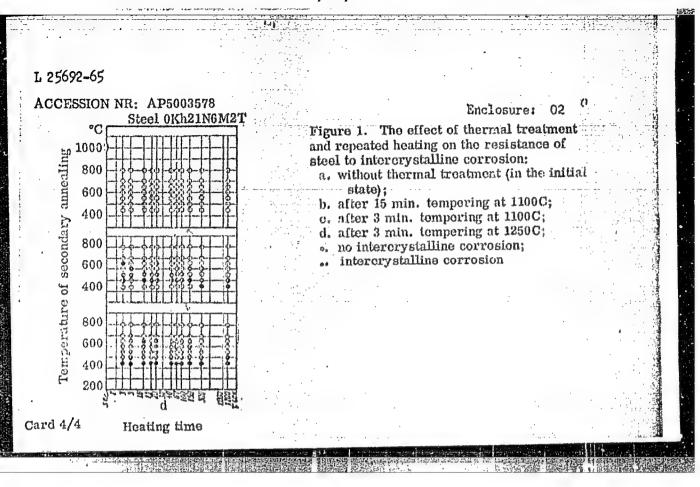
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OTHER: 001

Card 2/4

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730008-4





· FROLIKOVA, YE. YA.

AID P - 2592

Subject

: USSR/Hydraulic Engineering

Card 1/1

Pub. 35 - 15/20

Author

: Frolikova, E. Ya., Eng.

Title

On the irregularity of distribution and pulsation of

the flow beyond the hydraulic jump

Periodical

Gidr stroi, 4, 40-42, Ap 1955

Abstract

The author criticizes N. N. Belishevskiy's article (No. 3, 1955, this journal) and presents a mathematical analysis using the pressure equation and the Bernouilli theorem with curves. A further study of the problem, especially for river beds subject to erosion, is recommended. Eight Russian references, 1935-1954, and

1 German, 1936.

Institution:

None

Submitted

No date

### FROLIKOVA Ya. Ya. Anghener.

Surface and bottom systems of juncture and soil scour created by an inclined stream. Gidr. stroi. 26 no.2:36-39 F \*57. (NLRA 10:4) (Dams) (Hydraulic engineering)

NIKITIN, I.K., kand.tekhn.nauk; FROLIKOVA, Ye. Ya., mladshiy nauchnyy sotrudnik

Relation between the height of wind waves and the velocity of wind according to observations in situ in reservoirs of Central Asia.

Trudy SANIIRI no.99:3-13 '59.

(Waves)

(Winds)

(Soviet Central Asia—Reservoirs)

FROLIKOVA, Ye.Ya., mladshiy nauchnyy sotrudnik

Transformation of wind waves in shallow water. Trudy SANIRI no.99:15-19 '59. (Waves)

(Waves)

FROLIKOVA, Ye. Ya., mladshiy nauchnyy sotrudnik

Problems in the technical operation of irrigation reservoirs in Central Asia. Trudy SANIIRI m.101:3-45 '59. (MIRA 14:5) (Soviet Central Asia—Reservoirs) (Irrigation)

FROLIKOVA, Ye. Ya., maldshiy nauchnyy sotrudnik

Specific features of the operation of Tedzhen Reservoir.

Trudy SANIIRI no.101:46-56 '59.

(Tedzhen Reservoir)

(Tedzhen Reservoir)

